
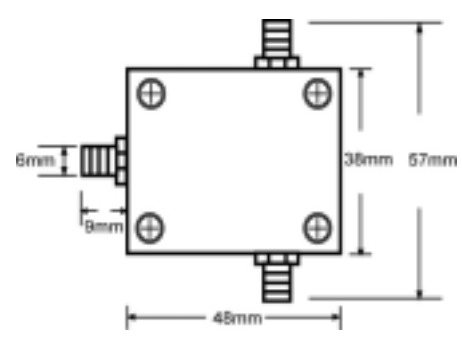


# VHF.UHF Antenna (Same) Band Pass Splitter Specification Sheet

Customer Name		Temwell's Part No.	TPD102S-TT67870B-450M-100M-SMA
Approval No. /dated		Built in 2 BP Filter Name	TT67870B-450M-100M
Work Instruction No.	0610011DC	Date	Oct.12.2006

(1)Dimension	(2)Size Diagram
	

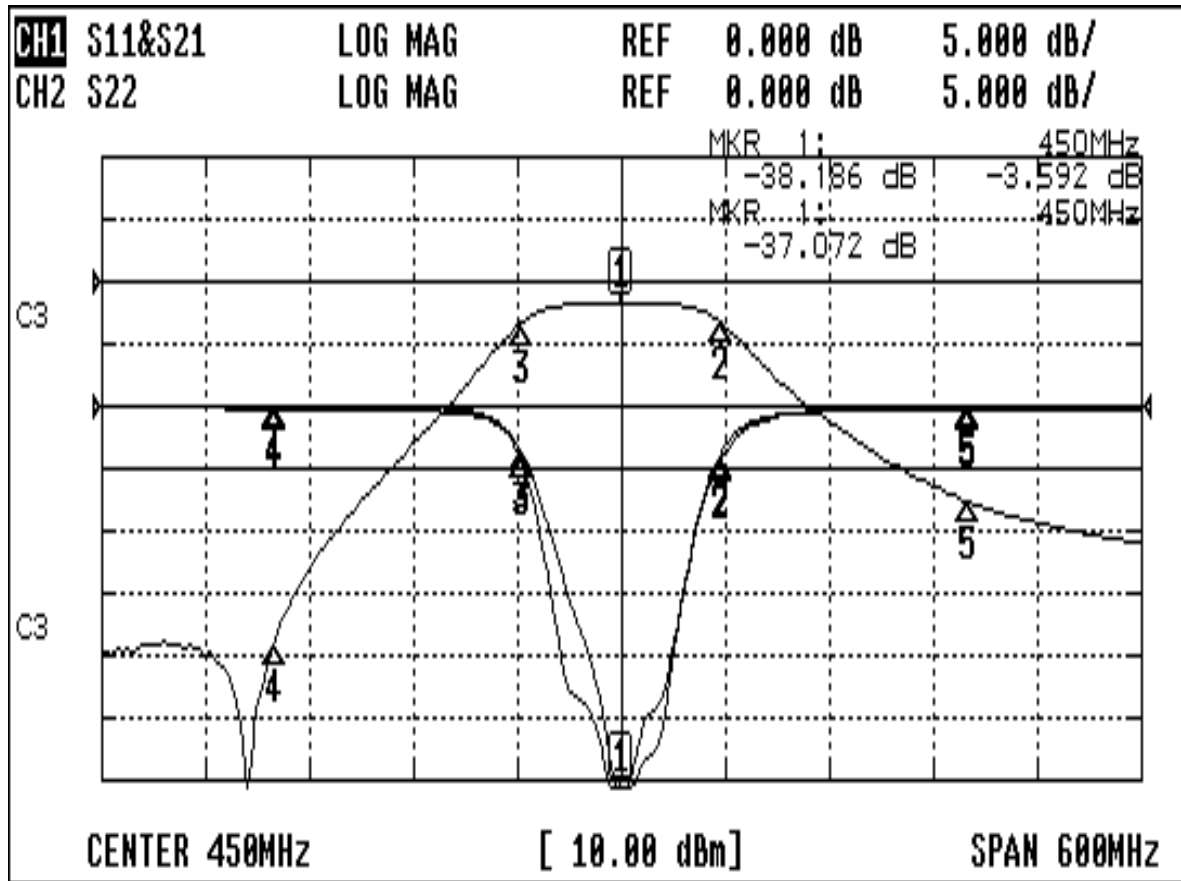
**(3)Electric Character**

Item	Specify		
Center Freq.(Fo ) +/- 0.75 % (option)	450 MHz		
Band Pass Frequency	450 MHz		
Insertion Loss S21 (Power Split Loss -3 dB)	Typ. 1.0 dB		
Insertion Loss S31 (Power Split Loss -3 dB)	Typ. 1.0 dB		
IL different from S21 & S31	Typ. 1 dB		
-3 dB Bandwidth	Typ. 100 MHz		
Sensitivity (Attenuation)	Fo - (200 )MHz below	Typ. 50 dB	
	Fo +(200 )MHz above	Typ. 33 dB	
Return Loss output 1 (S11)	Min. 12 dB		
Return Loss output 2 (S22)	Min. 12 dB		
Return Loss output 3 (S33)	Min. 12 dB		
Isolation S23	Typ. 15 dB		
Connector type			
(4)Impedance all port	In / Out : 50 Ω		
(5)Input Power	> 30 Watt		
(6)Temperature Condition:			
Operating Temperature	-30 ~ +70		
Storage Temperature	-30 ~ +80		
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	

**TEMWELL CORPORATION**

# Performance-TPD102S-TT67869B-350M-90M-SMA

## 0708066CD



CH1 MARKER LIST

1:	450.000MHz	-38.186 dB	-3.592 dB
2:	507.500MHz	-3.864 dB	-6.595 dB
3:	392.500MHz	-3.599 dB	-6.600 dB
4:	250.000MHz	-0.194 dB	-57.007 dB
5:	650.000MHz	-0.287 dB	-35.317 dB
6:			
7:			
8:			
9:			
10:			

CH2 MARKER LIST

1:	450.000MHz	-37.072 dB
2:	507.500MHz	-4.340 dB
3:	392.500MHz	-4.360 dB
4:	250.000MHz	-0.016 dB
5:	650.000MHz	-0.001 dB
6:		
7:		
8:		
9:		
10:		